

Date: Tue, 12 Oct 93 04:30:29 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #72
To: Ham-Homebrew

Ham-Homebrew Digest Tue, 12 Oct 93 Volume 93 : Issue 72

Today's Topics:

 Dual plug
 HELP Easytrax
 More "Aaaaaaaaarrgh!" tales.....
 Project 10: A BFO for your \$40 SW rcvr

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Oct 1993 13:20:37 -0500
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!sol.ctr.columbia.edu!
news.kei.com!bloom-beacon.mit.edu!TAMUTS.TAMU.EDU!news.utdallas.edu!corpgate!
crchh327.bnr.ca!kharker@network.ucsd
Subject: Dual plug
To: ham-homebrew@ucsd.edu

me explain. Eventually, I am going to be building a new cable to go from
the back of my tnc and into the top of my present or future ht. The connector
on the tnc end of things is a simple DB-9, so that's not a problem. What I
am wondering about is the ht end. I am only going to have one vhf radio for
quite a while, so my ht will have to serve as my packet station, my mobile
voice station, and my base voice station. I will therefore need to be plugging
and unplugging this future cable quite a bit. The top of almost all ht's (mine
included) have two plugs - a min and sub-mini - for speaker and mic respectively.
As far as I can tell, all ht's use the same spacing between these two plugs as
well.

Now, this may seem like a pretty silly problem, and it may even boil
down to just a matter of aesthetics. I would like to just plug in and pull out

a single plug rather than two. I would like the cable to have one and only one connector on each end, rather than one connector on the tnc end and two connectors on the ht end. I've given up on trying to find a source that makes the mini-and-sub-mini-plugs-in-one connector (although I have seen it on enough remote speaker mics and MFJ's pre-fab packet cables to have held out hope...), so I am wondering if anyone else has tried to build some sort of casing to hold the two plugs in their appropriate separation, and is sturdy enough to allow for a lot of plugging and unplugging. Perhaps using heat shrink tubing? Nylon wire ties? Cutting open a stereo headphone Y connector and gluing it back together with cryocanalate (sp?) glue?

Or, alternatively, does anyone have a damaged, destroyed, mutilated, or otherwise useless ht speaker mic with the mini-and-sub-mini-plugs-in-one connector on it that they'd be willing to donate/sell to me so I could try and use that connector?

Any ideas on this are appreciated.

_ken/n1pvb

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Kenneth E. Harker      Bell Northern Research      "Any opinions expressed
kharker@bnr.ca         Richardson, Texas, USA       are solely mine and do
N1PVB                  (214) 684-5115             not represent BNR"
=====
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Date: Mon, 11 Oct 1993 12:59:58 GMT
From: paperboy.ids.net!anomaly.sbs.com!chowda.sbs@uunet.uu.net
Subject: HELP Easytrax
To: ham-homebrew@ucsd.edu

Hello,

Does any one know an easy way to deal with Protel Easytrax to place components on the mirror image of the PC board - ie not the solder side. This is usually not a problem except that when a PC board was designed containing a couple of 8 pin IC's the pinouts were wrong because the IC is installed in the non solder side of the board.

Thanks
Bob Berlyn
N1PWU

Date: Mon, 11 Oct 93 14:05:00 EDT

From: swrinde!cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!
das.wang.com!wang!tossport!lee@network.ucsd.edu
Subject: More "Aaaaaaaaaarrgh!" tales.....
To: ham-homebrew@ucsd.edu

.....my tip is to never solder when wearing socks made out of
synthetic materials - you get one of thos lil' balls of molten
solder fall on to the sock which then melts and holds the solder
blob snugly against your foot!

...hm, don't try it in nylon b.v.d.s, either.....

Lee

Date: 12 Oct 93 03:16:06 GMT
From: ogicse!uwm.edu!spool.mu.edu!agate!iat.holonet.net!rohrwerk@network.ucsd.edu
Subject: Project 10: A BFO for your \$40 SW rcvr
To: ham-homebrew@ucsd.edu

>It seems there are quite a few cheapie shortwave receivers out there that
>have everything (synthesizer tuning, digital readout, fairly good specs)
>but lack the all important BFO to copy SSB and CW. Well, let's remedy that

A far, far, better solution is the synchronous detector project in a
recent QST (the issue is not now easily found :-(). It serves as
BFO/product detector.

Again, let's not waste net bandwidth with ancient history. Find a classic
radio newsgroup or something for this!

John K0JD

End of Ham-Homebrew Digest V93 #72
